| Ind | ex of | Claims |  |
|-----|-------|--------|--|
|     |       |        |  |

| App | olic | atio | on/ | Con | trol | No. |
|-----|------|------|-----|-----|------|-----|

10/655,595

Examiner

Teena Mitchell

Date

Applicant(s)/Patent under Reexamination

LANG ET AL.

Art Unit

3771

| 1 | Rejected |
|---|----------|
|   | Allowed  |

| - | (Through numeral)<br>Cancelled |  |  |  |  |  |  |
|---|--------------------------------|--|--|--|--|--|--|
| ÷ | Restricted                     |  |  |  |  |  |  |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla   | im       |                |  |          |          | Date   | €   |          |                |              |   | Cla         | im       |          |          |          |     |
|-------|----------|----------------|--|----------|----------|--|---|----------|----------------|--------------|---|-------------|----------|----------|----------|----------|-----|
| Final | Original | 11/9/06        |  |          |          |  |   |          |                |              |   | Final       | Original | 11/9/06  |          |          |     |
| 1     | 1        | =              |  |          |          |  |   |          |                |              |   | 47          | 51       | =        |          |          | Γ   |
| 2     | 2        | =              |  |          |          |  | _   |          |                |              |   | 48          | 52       | =        |          |          | Г   |
| 19    | 3        | 1.1            |  |          |          |  |   |          |                |              |   | 49          | 53       | =        |          |          | Г   |
| 20    | 4        | =              |  |          | _        |  |   |          |                |              |   | 53          | 54       | =        |          |          |     |
| 21    | 5        | ٤              |  |          |          |  |   |          |                |              |   | 54          | 55       | ÷.       |          |          |     |
| 22    | 6        | 1              |  |          |          |  |   |          |                |              |   | 55          | 56       | Ξ        |          |          | Г   |
| 3     | 7        | 11             |  |          |          |  |   |          |                |              |   | 56          | 57       | =        |          |          | Γ   |
| 4     | 8        | 11             |  |          |          |  |   |          |                |              |   | 57          | 58       | =        |          |          |     |
| 5     | 9        | ų              |  |          |          |  |   |          |                |              |   | 58          | 59       | =        |          |          |     |
| 6     | 10       | a              |  |          |          |  |   |          |                |              |   | 59          | 60       | ~        |          |          |     |
| 7     | 11       | 1(             |  |          |          |  |   |          |                |              |   | 60          | 61       | =        |          |          | L   |
| 23    | 12       | 11             |  |          |          |  |   |          |                |              |   | 61          | 62       | =        |          |          |     |
| 24    | 13       | נן             |  |          |          |  |   |          |                |              |   | 62          | 63       | =        |          |          | L   |
| 25    | 14       | (1             |  |          |          |  |   |          |                |              |   | 63          | 64       | =        |          |          |     |
| 26    | 15       | ц              |  |          |          |  |   |          |                |              |   | 64          | 65       | =        |          |          | L   |
| 27    | 16       | ہے             |  |          |          |  |   |          |                |              |   | 65          | 66       | =        | _        |          | L   |
| 28    | 17       | ₹              |  |          |          |  |   |          |                |              |   | 66          | 67       | =        |          |          | L   |
|       | 18       |                | L  |          |          |  |   |          |                |              |   |             | 68       |          |          | <u> </u> | L   |
| 31    | 19       | 1              |  |          |          |  |   |          |                |              |   |             | 69       |          |          |          | L   |
| 29    | 20       | $\Box$         |  |          |          |  |   |          |                |              |   |             | _70_     | _        |          |          | L   |
| 30    | 21       | J              |  |          |          |  |   |          |                |              | ŀ |             | 71       |          | <u>L</u> | L        | L   |
| 8     | 22       | Z              |  |          |          |  |   |          |                |              |   |             | 72       | L        | _        | _        | L   |
| 9     | 23       | $\overline{z}$ |  |          |          |  |   |          | L              |              |   |             | 73       | L        | _        |          | L   |
| 10    | 24       | 2              |  |          |          | L  |   |          |                |              |   |             | 74       | _        | _        |          | L   |
| 11    | 25       | 3              |  |          |          |  | _   |          | L              |              |   |             | 75       | _        | _        | _        | L   |
| 12    | 26       | J              |  |          |          |  | _   | _        |                | _            |   |             | 76       | _        | _        | <u> </u> | 1   |
| 13    | 27       | =              |  |          |          | L.   |   | <u> </u> | L              | _            |   |             | 77       | _        | _        |          | ļ., |
| 14    | 28       | ヹ              | _  |          | _        |  |   | <u> </u> | <u> </u>       | _            |   |             | 78       |          | _        |          | Ļ   |
| 15    | 29       | ש              |  |          |          |  | $ldsymbol{ld}}}}}}$ | <u> </u> |                | <u> </u>     |   | <u> </u>    | 79       |          | _        | <u> </u> | L   |
| 16    | 30       | Ξ              |  | _        |          |  | <u> </u>  | <u>L</u> |                | _            | Į |             | 80       | <u> </u> | _        | ļ        | Ļ   |
| 17    | 31       | ٦              | <u>L</u>   | <u> </u> |          | _  | <u> </u>  | _        | <u> </u>       | _            |   |             | 81       | ┞        | <u> </u> | <u> </u> | Ļ   |
| 18    | 32       | Ξ              | <u> </u>   |          | _        | _  | L.  | <u> </u> | <u> </u>       | <u> </u>     |   |             | 82       | _        | L        | $\vdash$ | ╀   |
| 32    | 33       | 1=             | _  | <u> </u> | <u> </u> | _  | <u> </u>  |          | _              | _            |   | <u> </u>    | 83       | <u> </u> | <u> </u> | ┞-       | ╀   |
| 33    | 34       | 를              | <u> </u>   | _        | _        | <u> </u>                                     |   | <u> </u> | _              | _            | ļ |             | 84       | ├        | <u> </u> | ├        | ╀   |
| 34    | 35       | +-             | -  | _        | _        | <u> </u>                                     |   | -        | -              | ├            | - |             | 85       | ⊢        | ├-       | ├        | ╀   |
| 35    | 36       | 12             | <u> </u>   | _        | _        | <u>                                     </u> | _   |          | <u> </u>       | _            | - |             | 86       | ┡        | ├        | ├        | ╀   |
| 36    | 37       | ゠              | <u> </u>   | <u> </u> | _        | <u> </u>                                     | <del> </del>  |          | _              | -            | ł |             | 87       | ├-       | ├-       | -        | ╀   |
| 37    | 38       | Ξ              | <u> </u>   | <u> </u> | _        | _  | <u> </u>  |          | -              | -            | 1 |             | 88       | ┢        | -        | -        | ╀   |
| 38    | 39       | =              |  |          |          | _  |   | ├-       | -              | -            | { |             | 89       | ├-       | ├        | ⊢        | ╀   |
| 39    | 40       | 13             |  |          |          | _  | <u> </u>  | -        | -              | <del> </del> | - | -           | 90       | ╀        | ├-       | ├-       | ╀   |
| 40    | 41       | =              | -  | <u> </u> | -        | $\vdash$                                     | ├   | -        |                | ļ            | - | -           | 91       | ┝        | <u> </u> | -        | ╀   |
| 41    | 42       | 를              | <del> </del>                                       | <u> </u> | -        | <u> </u>                                     | ├   | -        |                | -            | 1 | <del></del> | 92       | $\vdash$ | $\vdash$ | 1        | +   |
| 50    | 43       | =              | -  | <u> </u> | -        | $\vdash$                                     | ├—  | -        | ├              | -            | 1 | <u> </u>    | 93       | -        | ╁        | $\vdash$ | +   |
| 51    | 44       | 2              | •  | $\vdash$ | $\vdash$ | $\vdash$                                     | $\vdash$  | ├        | -              | $\vdash$     | 1 |             | 94       | +-       |          | -        | ╁   |
| 52    | 45       | =              | <del>!                                      </del> | ⊢        | $\vdash$ | $\vdash$                                     | -   | $\vdash$ | $\vdash$       | $\vdash$     | 1 |             | 95       | +-       | +-       | $\vdash$ | +   |
| 42    | 46       | 2              | -  | ₩        | _        | -  | $\vdash$  | -        | ├              | $\vdash$     | 1 |             | 96<br>97 | ╂        | ┢        | $\vdash$ | +   |
| 43    | 47       | 볼              | ├-   | $\vdash$ | -        | -  | $\vdash$  | ⊢        | <del> </del> - | ├            | 1 |             | 98       | ╌        | ╀        | ╁        | +   |
| 44    | 48       | 10             | -  | $\vdash$ | -        | -  | -   | -        | -              | -            | 1 | $\vdash$    | -        | ⊢        | ╁        | ╁        | +   |
| 45    | 49       | 5              | -  | -        | ⊢        | ├-   | -   | -        | ├-             | -            | 1 | <u> </u>    | 99       | ╌        | -        | +        | ╁   |
| 46    | 50       | =              |  | L        | <u> </u> | <b>!</b> —                                   |   | <u></u>  | Ь              |              | J |             | 1 100    | Ц        | Ц_       | Щ        | _   |

|          |                      | _        | _              | $\overline{}$ | _            | _  | _        |          |          | $\neg$   |
|----------|----------------------|----------|----------------|---------------|--------------|--|----------|----------|----------|----------|
| Final    | Original             | 11/9/06  |                |               |              |  |          |          |          |          |
| 47       | 51                   | Ξ        |                |               |              |  |          |          |          |          |
| 48       | 52                   | Ξ        |                |               |              |  |          | _        |          |          |
| 49       | 53                   | 11 11    | $\vdash$       |               | <u> </u>     |  |          |          |          |          |
| 49<br>53 | 54                   | 2        | H              |               | _            | Н  |          | _        |          | -        |
| 54       | 53<br>54<br>55<br>56 | -        |                |               |              |  |          | -        | _        | -        |
| 54<br>55 | 56                   | =        | -              |               |              | -  |          | -        | $\vdash$ | $\dashv$ |
| 56       | 57                   | =        |                | -             | <u> </u>     | -  |          |          |          | $\dashv$ |
| 50       | 57                   | =        | -              | _             | $\vdash$     |  |          |          |          | $\dashv$ |
| 57<br>58 | 58<br>59             | =        | _              | _             | $\vdash$     |  | -        | -        |          |          |
| 58       | 59                   | =        | _              | _             | <u> </u>     | -  | _        | _        |          | -        |
| 59       | 60                   | ~        | ļ              |               | _            |  | _        | _        |          |          |
| 60       | 61                   | =        | _              | <u> </u>      | _            | Щ  |          |          |          | $\Box$   |
| 61       | 62                   | =        | _              |               |              |  |          |          |          |          |
| 62       | 63                   | =        |                |               |              |  |          |          |          |          |
| 63       | 64<br>65             | =        |                |               |              |  |          |          |          |          |
| 64       | 65                   | =        |                |               |              |  |          |          |          |          |
| 65       | 66                   | =        |                |               |              |  |          |          |          |          |
| 66       | 66<br>67             | F        |                |               |              |  |          |          |          |          |
|          | 68                   |          |                |               |              |  |          |          |          |          |
|          | 69                   |          |                |               | Г            |  |          |          |          |          |
|          | 70                   | Г        | Г              | 一             |              |  |          |          |          |          |
|          | 71                   |          |                |               |              |  |          |          |          |          |
|          | 72                   |          | _              | $\vdash$      | _            | Т  |          |          |          |          |
|          | 72<br>73             | Н        | _              | ┢             | _            | <b>—</b>   |          |          |          |          |
|          | 74                   | $\vdash$ |                |               | $\vdash$     | _  | <u> </u> |          |          |          |
|          | 74<br>75             | $\vdash$ |                |               |              | ┢  |          | _        | _        |          |
|          | 76                   | -        |                | $\vdash$      | <u> </u>     | <del>                                     </del> | -        | <u> </u> |          |          |
| -        | 77                   |          |                |               | ╁            | _  | -        | <u> </u> |          |          |
|          | 77<br>78             |          |                | -             |              | -  | -        | $\vdash$ | $\vdash$ | $\vdash$ |
| $\vdash$ | 79                   | ┢        | ├              | <del> </del>  |              | ├-   |          | $\vdash$ | _        | -        |
| $\vdash$ | 80                   | ┢        | -              | <del> </del>  | <u> </u>     | ┢  |          |          | ┢        | -        |
|          | 81                   | -        | -              |               |              |  |          |          | $\vdash$ | -        |
|          |                      | ₩        | ⊢              | $\vdash$      |              | ┢  | $\vdash$ |          | -        |          |
| -        | 82                   | <u> </u> | -              | ⊢             | ⊢            | $\vdash$   | $\vdash$ | -        |          | H        |
| -        | 83                   | ┝        | ⊢              | ├             | ├            | -  | ⊢        | -        | ├        | $\vdash$ |
| $\vdash$ | 84                   | $\vdash$ | <del>  -</del> | ├             | -            | <del> </del>                                     | -        | -        | $\vdash$ | -        |
| <u> </u> | 85                   | ⊢        | ├              | ┼             | ├—           | ├  |          | ├-       | $\vdash$ | -        |
| -        | 86                   | -        |                | <del> </del>  | -            | <del> </del>                                     |          | <u> </u> | ⊢        | -        |
| <u> </u> | 87                   | -        | ├-             | <del> </del>  |              | ├-   | -        | -        | ├        | -        |
| $\vdash$ | 88                   | ₩        | -              | -             | <del> </del> | <b> </b>   | _        | <u> </u> |          | _        |
|          | 89                   | 1        | ₩              | ├             | <u> </u>     | -  | _        |          | ļ        | _        |
| <u> </u> | 90                   |          | <u> </u>       | <u> </u>      | <u> </u>     | <u> </u>   | <u> </u> |          | <u> </u> | <u> </u> |
| <u> </u> | 91                   | <u> </u> | <u> </u>       | <u> </u>      | $\vdash$     | <u> </u>   | <u> </u> |          | <u> </u> | _        |
| <u> </u> | 92                   | $\vdash$ | _              | _             | _            | <u> </u>   | _        |          | _        | <u> </u> |
| L        | 93                   | L        | 1_             | _             | _            | lacksquare                                       | _        |          | L.       | <u> </u> |
|          | 94                   |          | _              | _             | _            | <u> </u>   | L        |          | _        | _        |
|          | 95                   | _        | L_             | L             | <u> </u>     | <u></u>  |          |          | L_       | _        |
|          | 96                   |          |                | 匚             | L            | L  |          | L        | _        | L_       |
|          | 97                   | Ĺ        | L              | L             |              | L  | L        | Ĺ        |          |          |
|          | 98                   |          | 匚              |               |              |  | L        |          |          |          |
|          | 99                   | $\Box$   | Ĺ              |               |              |  |          |          |          |          |
|          | 100                  | Γ        | 1              | Π             | Π            |  |          |          | П        |          |

| Cla          | aim                                    | Date   |              |          |          |              |          |          |              |          |  |  |
|--------------|--|--|--------------|----------|----------|--------------|----------|----------|--------------|----------|--|--|
|              |  |  |              |          |          |              |          |          |              |          |  |  |
| Final        | Original                               |  |              |          |          |              |          |          |              |          |  |  |
| ίΞ           | Orig                                   |  |              |          |          |              |          |          |              | -        |  |  |
|              |  |  |              |          |          |              |          |          |              |          |  |  |
|              | 101<br>102                             |  |              |          |          | Ш            |          |          |              | _        |  |  |
|              | 102                                    |  |              |          |          |              |          |          |              | _        |  |  |
|              | 103                                    |  |              |          |          | Ш            |          |          |              | _        |  |  |
|              | 104<br>105                             |  |              |          |          |              |          |          |              | _        |  |  |
|              | 105                                    |  | _            |          |          |              |          |          |              | _        |  |  |
|              | 106                                    |  |              |          |          | Ш            |          |          |              | _        |  |  |
|              | 107<br>108                             | Ш  |              |          | Щ        | Ш            |          |          | Ш            | $\dashv$ |  |  |
|              | 108                                    |  |              |          |          | Н            |          |          |              | $\dashv$ |  |  |
|              | 109<br>110                             | -  |              |          | -        | Н            |          | _        | Н            | $\dashv$ |  |  |
|              | 110                                    | -  |              |          |          | -            |          |          | Н            | $\dashv$ |  |  |
|              | 111                                    | $\vdash$   |              |          |          | -            |          |          | $\vdash$     |          |  |  |
|              | 112                                    | $\vdash$   | -            |          | $\vdash$ | $\vdash$     | -        |          | $\vdash$     | $\dashv$ |  |  |
|              | 114                                    | Н  |              |          | H        | -            | -        |          | $\vdash$     | $\dashv$ |  |  |
|              | 115                                    | $\vdash$   |              |          | H        | H            | -        |          | H            | $\dashv$ |  |  |
|              | 116                                    | Н  |              |          | H        | -            |          |          | $\vdash$     | $\vdash$ |  |  |
|              | 112<br>113<br>114<br>115<br>116<br>117 | $\vdash$   | _            |          |          | -            |          |          | $\vdash$     | $\vdash$ |  |  |
| -            | 118                                    | Н  |              |          |          |              |          |          | Н            | $\vdash$ |  |  |
| -            | 118<br>119                             |  |              | _        |          |              |          |          |              |          |  |  |
|              | 120                                    |  |              |          |          |              | _        |          |              |          |  |  |
|              | 120<br>121                             |  |              |          |          |              |          |          |              |          |  |  |
|              | 1 122                                  |  |              |          |          |              |          |          |              |          |  |  |
|              | 123<br>124<br>125                      |  |              |          |          |              |          |          |              |          |  |  |
|              | 124                                    |  |              |          |          |              |          |          |              |          |  |  |
|              | 125                                    |  |              |          |          |              |          |          |              |          |  |  |
| L            | 126<br>127<br>128<br>129<br>130        |  |              |          |          |              |          |          | L_           |          |  |  |
|              | 127                                    |  |              |          |          | _            | <u> </u> |          | _            |          |  |  |
|              | 128                                    |  |              | _        |          | _            |          |          | lacksquare   |          |  |  |
| <u> </u>     | 129                                    | _  |              | <u> </u> |          |              | _        | <u> </u> | L            |          |  |  |
| <u> </u>     | 130                                    |  |              | <u> </u> | <u> </u> |              | <u> </u> | _        | <u> </u>     |          |  |  |
|              | 131                                    |  |              | ├        | _        | <u> </u>     | ⊢        | ⊢        | <del> </del> |          |  |  |
|              | 132                                    |  | -            | -        | _        | $\vdash$     | $\vdash$ | -        | ┝            |          |  |  |
| <b>—</b>     | 133                                    | $\vdash$   |              |          | $\vdash$ | -            | $\vdash$ | ┝        | -            | $\vdash$ |  |  |
|              | 134<br>135                             | -  |              | -        | $\vdash$ | -            |          | ├        | -            | $\vdash$ |  |  |
| <u> </u>     | 136                                    |  |              | -        | $\vdash$ | -            | -        | -        | $\vdash$     | H        |  |  |
| -            | 136<br>137<br>138                      | -  | $\vdash$     | $\vdash$ | $\vdash$ | -            |          | $\vdash$ | $\vdash$     | H        |  |  |
| <del> </del> | 138                                    | -  | $\vdash$     | $\vdash$ | $\vdash$ | <del> </del> | $\vdash$ | H        | t            |          |  |  |
| <b></b> -    | 139                                    | <del>                                     </del> | <del> </del> | <u> </u> | T        |              | T        | H        |              | П        |  |  |
|              | 140                                    | <del>                                     </del> | $\vdash$     |          | T        |              |          | Г        |              |          |  |  |
|              | 141                                    | Г  |              | Г        |          | Г            | Г        | Γ        |              |          |  |  |
|              | 142                                    |  |              |          |          |              |          |          |              |          |  |  |
|              | 143                                    |  |              |          |          |              |          |          |              |          |  |  |
|              | 144                                    |  |              |          |          |              |          |          |              |          |  |  |
|              | 145                                    |  |              |          |          |              | 匚        |          |              |          |  |  |
|              | 146                                    |  |              |          | 匚        |              | Ĺ        | 匚        |              |          |  |  |
|              | 147                                    |  | L            | _        | _        | _            |          |          | _            | <u> </u> |  |  |
|              | 148                                    | <u> </u>   | _            | <u>L</u> | _        |              | _        | _        | _            |          |  |  |
|              | 149                                    | <u> </u>   | _            | _        |          | _            | <u> </u> | _        | <u> </u>     | _        |  |  |
| <u> </u>     | 150                                    |  | L            | L.,      | _        | <u></u>      | 1        | <u></u>  | <u></u>      |          |  |  |